

Claims

1. A parking brake (1), in particular for a motor vehicle,  
having a cable traction device for brake operation and a  
5 contra-rotating cable deflection by means of at least two  
guide pulleys (6, 7, 19, 20) which are arranged in such a way  
that the connecting line between the axes of rotation (22, 23)  
of at least two guide pulleys (6, 7, 19, 20) is rotatable in  
relation to the drive main axis (18).
- 10 2. The parking brake (1) as claimed in claim 1,  
characterized by a guide pulley (19) which is static  
and a guide pulley (20) which can be moved in a rotary or  
translatory manner.
- 15 3. The parking brake (1) as claimed in claim 1,  
characterized by two guide pulleys (6, 7) which can be  
moved in a rotary or translatory manner.
- 20 4. The parking brake (1) as claimed in one of the claims 1 to  
3,  
characterized in that at least one of the guide  
pulleys (6, 7, 20) is arranged on a swinging arm (11, 21).
- 25 5. The parking brake (1) as claimed in claim 4,  
characterized in that the swinging arm (11, 21) can  
be swung by means of a driven output shaft (12) which is  
driven by a motor, in particular an electromotor (2).
- 30 6. The parking brake (1) as claimed in claim 5,  
characterized by an arrangement of the guide pulleys  
(6, 7, 19, 20) and of the pivot of the swinging arm (11, 21)  
in the sense of a reduction of the moment on the output shaft  
(12).

7. The parking brake (1) as claimed in one of the claims 2 to 5,

characterized in that both guide pulleys (6, 7) are  
5 arranged on the swinging arm.

8. The parking brake (1) as claimed in claim 7,  
characterized by a pivot of the swinging arm (11) being  
approximately midway between the axes of rotation of the guide  
10 pulleys (6, 7).

9. The parking brake (1) as claimed in claim 7,  
characterized by a pivot of the swinging arm (11) being  
asymmetrical to the axes of rotation of the guide pulleys (6,  
15 7).